

Jemima J Burden

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,572
citations

257450

24
h-index

414414

32
g-index

34
all docs

34
docs citations

34
times ranked

4702
citing authors

#	ARTICLE	IF	CITATIONS
1	Macrophage-Induced Blood Vessels Guide Schwann Cell-Mediated Regeneration of Peripheral Nerves. <i>Cell</i> , 2015, 162, 1127-1139.	28.9	633
2	Cdc42, Par6, and aPKC Regulate Arp2/3-Mediated Endocytosis to Control Local Adherens Junction Stability. <i>Current Biology</i> , 2008, 18, 1631-1638.	3.9	259
3	Redundancy of human ATG4 protease isoforms in autophagy and LC3/GABARAP processing revealed in cells. <i>Autophagy</i> , 2019, 15, 976-997.	9.1	143
4	The Rip11/Rab11-FIP5 and kinesin II complex regulates endocytic protein recycling. <i>Journal of Cell Science</i> , 2008, 121, 3824-3833.	2.0	139
5	A Vesicle Superpool Spans Multiple Presynaptic Terminals in Hippocampal Neurons. <i>Neuron</i> , 2010, 66, 37-44.	8.1	131
6	Miro clusters regulate ER-mitochondria contact sites and link cristae organization to the mitochondrial transport machinery. <i>Nature Communications</i> , 2019, 10, 4399.	12.8	119
7	Rod disc renewal occurs by evagination of the ciliary plasma membrane that makes cadherin-based contacts with the inner segment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15922-15927.	7.1	98
8	A Preferentially Segregated Recycling Vesicle Pool of Limited Size Supports Neurotransmission in Native Central Synapses. <i>Neuron</i> , 2012, 76, 579-589.	8.1	89
9	A Two-Tier Golgi-Based Control of Organelle Size Underpins the Functional Plasticity of Endothelial Cells. <i>Developmental Cell</i> , 2014, 29, 292-304.	7.0	87
10	3D correlative light and electron microscopy of cultured cells using serial blockface scanning electron microscopy. <i>Journal of Cell Science</i> , 2017, 130, 278-291.	2.0	84
11	Synapsin Selectively Controls the Mobility of Resting Pool Vesicles at Hippocampal Terminals. <i>Journal of Neuroscience</i> , 2012, 32, 3969-3980.	3.6	73
12	Sorting Motifs in the Intracellular Domain of the Low Density Lipoprotein Receptor Interact with a Novel Domain of Sorting Nexin-17. <i>Journal of Biological Chemistry</i> , 2004, 279, 16237-16245.	3.4	71
13	Regulation of post-Golgi LH3 trafficking is essential for collagen homeostasis. <i>Nature Communications</i> , 2016, 7, 12111.	12.8	54
14	Requirement for a Drosophila E3-Ubiquitin Ligase in Phagocytosis of Apoptotic Cells. <i>Immunity</i> , 2007, 27, 585-596.	14.3	52
15	Interaction between FIP5 and SNX18 regulates epithelial lumen formation. <i>Journal of Cell Biology</i> , 2011, 195, 71-86.	5.2	51
16	Vps33b is crucial for structural and functional hepatocyte polarity. <i>Journal of Hepatology</i> , 2017, 66, 1001-1011.	3.7	51
17	Endophilin Drives the Fast Mode of Vesicle Retrieval in a Ribbon Synapse. <i>Journal of Neuroscience</i> , 2011, 31, 8512-8519.	3.6	50
18	Use of Homozygosity Mapping to Identify a Region on Chromosome 1 Bearing a Defective Gene That Causes Autosomal Recessive Homozygous Hypercholesterolemia in Two Unrelated Families. <i>American Journal of Human Genetics</i> , 2001, 68, 653-660.	6.2	49

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19	Recruitment of resting vesicles into recycling pools supports NMDA receptor-dependent synaptic potentiation in cultured hippocampal neurons. <i>Journal of Physiology</i> , 2012, 590, 1585-1597.	2.9	49
20	Super-resolution microscopy as a potential approach to diagnosis of platelet granule disorders. <i>Journal of Thrombosis and Haemostasis</i> , 2016, 14, 839-849.	3.8	44
21	The white matter is a pro-differentiative niche for glioblastoma. <i>Nature Communications</i> , 2021, 12, 2184.	12.8	37
22	GABA _A receptors can initiate the formation of functional inhibitory GABAergic synapses. <i>European Journal of Neuroscience</i> , 2013, 38, 3146-3158.	2.6	35
23	Nanoscale polarization of the entry fusion complex of vaccinia virus drives efficient fusion. <i>Nature Microbiology</i> , 2019, 4, 1636-1644.	13.3	32
24	btn1 affects cytokinesis and cell-wall deposition by independent mechanisms, one of which is linked to dysregulation of vacuole pH. <i>Journal of Cell Science</i> , 2008, 121, 2860-2870.	2.0	29
25	Rapid formation of human immunodeficiency virus-like particles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21637-21646.	7.1	28
26	Clathrin light chain diversity regulates membrane deformation in vitro and synaptic vesicle formation in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23527-23538.	7.1	27
27	Ultrastructural and functional fate of recycled vesicles in hippocampal synapses. <i>Nature Communications</i> , 2015, 6, 8043.	12.8	22
28	Ultrastructural readout of functional synaptic vesicle pools in hippocampal slices based on FM dye labeling and photoconversion. <i>Nature Protocols</i> , 2014, 9, 1337-1347.	12.0	14
29	Poxviruses package viral redox proteins in lateral bodies and modulate the host oxidative response. <i>PLoS Pathogens</i> , 2022, 18, e1010614.	4.7	8
30	Chapter 3 In Vivo and In Vitro Methods for Studying Apoptotic Cell Engulfment in Drosophila. <i>Methods in Enzymology</i> , 2008, 446, 39-59.	1.0	5
31	Modulation of Early Host Innate Immune Response by an Avipox Vaccine Virus™ Lateral Body Protein. <i>Biomedicines</i> , 2020, 8, 634.	3.2	5
32	Structure modeling hints at a granular organization of the Golgi ribbon. <i>BMC Biology</i> , 2022, 20, 111.	3.8	4